

ABSTRACT:

A signal processing system for permitting a user to set certain system parameters includes at least one compander, at least one system volume control for setting system gain, and at least one transform engine responsive to the user-set parameter or parameters for controlling the operation of the compander and the setting of the system volume control. The transform engine may operate by using kneepoints, attack and release parameters, gain calculation coefficients, zero dB offset values, or other techniques or parameters. A central power estimator mixer may also be included for integration of a plurality of compressors.

09726541.04304